

***Table C. College/Graduate Students Comprise
A Very Low Risk Population For Serious
Covid-19 Illness***

Exhibit 7

EXHIBIT

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Mercifully, despite a high frequency of SARS-CoV-2 infections, as determined (primarily) by reverse transcriptase polymerase chain reaction (rtPCR) testing, serious covid-19 disease, among college and graduate students is a rare event.(1-10) For example, Brown University physician epidemiologist, Andrew Bostom, MD, MS, compiled data from 100 major university and college covid-19 data dashboards, in conjunction with national and local news reports of campus-related hospitalizations, August, 2020, through the November 2020, Thanksgiving holiday break [11/22/20] (2-10). As depicted in Table-1, below, among students on campus (primarily) during this period, from 100 U.S. universities, notwithstanding 139,000 “covid-19 positive tests”, there were a mere 17, typically short-term, reported covid-19 hospitalizations (2-10)—driven by a cluster of seven from Dayton University (3), i.e., only 0.012% of total positive tests resulting in hospitalization. Within this large sample, there were zero medically confirmed (4), albeit one possible, covid-19 death. These very reassuring data accrued in the absence of any covid-19 vaccination of the college/graduate student population.

Table C. Covid-19 positive tests and related hospitalizations from 100 universities/colleges, August-November, 2020

University	Reported C19+, “Cases” (N)*	Reported Hospitalizations (N)**	Reported C19 Deaths (N)***
(1) U of Alabama sys	3624	0	0
(2) U of Georgia	3637	0	0
(3) U of Kentucky	2842	0	0
(4) Ohio State U	4516	0	0
(5) U of Dayton	1477	7	1***
(6) Miami U of OH	2330	0	0
(7) Illinois State U	1717	0	0
(8) U of Iowa	2549	0	0
(9) Missouri State U	1294	0	0
(10) U of Kansas	1249	0	0
(11) Kansas State U	1183	0	0
(12) Penn State U	4473	0	0
(13) U of Wisconsin	3340	1	0
(14) U of Miami	1005	0	0
(15) U of S Carolina	2781	0	0
(16) U of Arizona	2661	1	0
(17) Notre Dame U	1516	0	0
(18) Temple University	797	0	0
(19) James Madison U	1653	0	0
(20) Texas Tech U	2282	0	0
(21) U of Texas	1531	0	0
(22) Texas Christian U	1512	0	0
(23) Texas A & M U (incl staff)	2947	0	0
(24) U of Illinois	3786	0	0
(25) Iowa State U	1845	0	0
(26) East Carolina U	1397	0	0
(27) U of N Carolina	1273	2	0
(28) N Carolina State U	1268	0	0
(29) Auburn U (incl staff)	2031	0	0
(30) Arizona State U	2758	0	0
(31) San Diego State U	1475	1	0
(32) Ball State U	1331	0	0
(33) U of N. Dakota	1514	0	0
(34) U of Cent Florida	1916	0	0
(35) U of Florida (+s since 3/18/20)	3879	0	0
(36) Oklahoma State U	2015	0	0
(37) SUNY-Oneonta	740	0	0
(38) U of Missouri	2350	2	0
(39) SUNY-Buffalo	940	0	0
(40) U of Michigan (+s since 3/8/20)	2264	0	0
(41) Michigan St (incl staff)	2029	0	0
(42) U of Nebraska (incl staff)	1619	0	0
(43) U of Tenn -Knoxville (incl staff)	1869	2	0
(44) Florida St U	1691	0	0
(45) Indiana U (incl staff)	2412	1	0
(46) U of Arkansas (incl staff)	2032	0	0
(47) Louisiana St U	1281	0	0
(48) U of Louisville (incl staff)	1313	0	0
(49) Arkansas St U (incl staff)	873	0	0
(50) Liberty U	800	0	0

University	Reported C19+, "Cases" (N)*	Reported Hospitalizations (N)**	Reported C19 Deaths (N)***
(51) N Arizona U	1283	0	0
(52) Florida Int U (+s since 3/12/20)	368	0	0
(53) Florida Atlantic U	326	0	0
(54) U of Houston (+s since 3/20, incl faculty)	402	0	0
(55) U N. Texas	810	0	0
(56) Texas St U (+s since 3/1/20)	955	0	0
(57) GA Tech (+s since 3/20)	1310	0	0
(58) U N. Georgia	559	0	0
(59) Northeastern U	276	0	0
(60) U Mass Amherst	401	0	0
(61) U Conn	381	0	0
(62) U Maryland	1249	0	0
(63) U Rhode Island (+s since 1/22/20)	681	0	0
(64) Boise St	816	0	0
(65) Colorado St (incl staff; +s since May)	1351	0	0
(66) U of Utah	1639	0	0
(67) Utah St	1554	0	0
(68) Marquette U	830	0	0
(69) U of Pittsburgh	587	0	0
(70) Rutgers U	497	0	0
(71) Idaho St	448	0	0
(72) Villanova U	379	0	0
(73) U of Virginia	1069	0	0
(74) Virginia CU	403	0	0
(75) U of Delaware (incl staff)	732	0	0
(76) Western Kentucky U (incl staff)	928	0	0
(77) East Tenn St	451	0	0
(78) U of Toledo	565	0	0
(79) Purdue U	2694	0	0
(80) Rutgers U	497	0	0
(81) U of Mississippi (incl staff)	924	0	0
(82) Tulane U	1332	0	0
(83) Providence Coll	363	0	0
(84) Seton Hall U	165	0	0
(85) Brigham Young U (incl faculty)	3032	0	0
(86) Boston College	332	0	0
(87) Duke U	152	0	0
(88) Weber State U	312	0	0
(89) Lehigh U	535	0	0
(90) U of New Hampshire	357	0	0
(91) St. Louis U	431	0	0
(92) Georgetown U	145	0	0
(93) George Wash U	133	0	0
(94) Vanderbilt U	736	0	0
(95) U of Penn	633	0	0
(96) U of West Virginia (Morgantown)	874	0	0
(97) Coll of Charleston	518	0	0
(98) Monmouth U (NJ)	462	0	0
(99) N Carolina A & T	468	0	0
(100) Bowling Green St U	741	0	0
Totals	138,703	17	1?

References

- 1) * Per data accessed 11/15-22/20: testing ostensibly by reverse transcriptase polymerase chain reaction amplification and detection of covid-19 viral RNA [primarily], or covid-19 nucleocapsid protein antigen detection by immunofluorescent assay(s).
- 2) **As originally noted here: <https://twitter.com/andrewbostom/status/1302438825063591936>; "Kansas college student hospitalized with suspected case of multisystem inflammatory syndrome", but the Kansas college was unidentified. <https://bit.ly/3mHD3Be>
- 3) Seven University of Dayton students/1477 positive tests: "According to the public health department for Dayton and Montgomery counties, seven University of Dayton students were hospitalized in the campus's outbreak. <https://spectrumnews1.com/oh/dayton/news/2020/10/06/at-least-a-dozen-ohio-college-students-suffered-medical-emergencies-from-covid-19>

- 4) ***Dayton University student Michael Lang may have had a myocarditis related to SARS-CoV2, which precipitated a cardiac arrest <https://www.kake.com/story/43106955/wrecked-our-lives-families-of-3-young-adults-who-died-from-covid19-share-heartbreaking-stories>
- 5) Two of 1869 University of Tennessee-Knoxville covid-19 positive students were hospitalized <https://www.wvlt.tv/2020/09/16/at-least-2-ut-students-hospitalized-with-covid-19/>;
- 6) One of the 1475 covid-19 positive students at San Diego State University (SDSU) was hospitalized “1st SDSU Student Among COVID-19 Surge Hospitalized as Cases Reach 440.” <https://www.nbcsandiego.com/news/investigations/1st-sdsu-student-among-covid-19-surge-hospitalized-as-cases-reach-440/2402332/>;
- 7) One University of Wisconsin-Madison student was hospitalized out of 3340 who were covid-19 positive <https://wkow.com/2020/09/16/first-known-uw-madison-student-hospitalized-with-covid-19/>. Regarding this student: “the actual time in the hospital was very limited’ and the student has returned home to recover. The hospitalization was reported on September 16, and the school has not learned of any additional hospitalizations.”
- 8) **One Indiana University hospitalization out of 2412 covid-19 positive tests was reported** <https://www.idsnews.com/article/2020/09/iu-first-coronavirus-hospitalization-flu-isolations>
- 9) University of Arizona one hospitalization/2661 covid-19 positive “Only one UA student has been hospitalized with COVID-19 symptoms, although the person was treated for dehydration and released, a UA spokesperson said last week” <https://www.azcentral.com/story/news/local/arizona-health/2020/10/06/asu-ua-nau-decrease-number-active-positive-covid-cases/3633764001/>
- 10) A CDC/MMWR report “Multiple COVID-19 Clusters on a University Campus — North Carolina, August 2020”, reported zero hospitalizations: <https://www.cdc.gov/mmwr/volumes/69/wr/mm6939e3.htm>
Subsequently, from 10/5/20, regarding North Carolina: “*UNC-Chapel Hill reported two known hospitalizations. Both cases involved students who were hospitalized in June and July. The cases were ‘noncritical: Campus Health is aware of two students who were tested at Campus Health and then treated and released from a nearby hospital in June and July. Both were noncritical. These are the only instances we’re aware of.’ Seven schools said they had no reported hospitalizations.*” <https://www.jamesgmartin.center/2020/10/how-many-students-are-hospitalized-with-covid-19-nc-colleges-dont-know/>
- 11) U of Missouri: “The Maneater is aware of at least two students [note: out of 2350 who tested positive] who have recently recovered after hospitalization. To protect their privacy, those students are not named.” <https://www.themaneater.com/stories/campus/impossible-for-the-university-to-know-mu-struggles-to-track-student-covid-19-hospitalizations>